REMARKS

By this amendment, claims 1, 5, 9-13 and 18-22 have been amended and claim 23 has been newly added. Claims 2-4, 6-8 and 14-17 have been previously withdrawn form consideration. Accordingly, claims 1, 5, 9-13 and 18-23 are currently pending in the application, of which claims 1, 5 and 18 are independent claims.

In view of the above amendments and the following Remarks, Applicants respectfully request reconsideration and timely withdrawal of the pending objections and rejections for the reasons discussed below.

Non-Complaint Amendment

In response to the Notice of Non-Complaint Amendment mailed March 18, 2005, claims have been amended to be drawn to the elected species.

Rejections Under 35 U.S.C. § 103

Claims 1, 5, 18 and 19 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over U. S. Patent No. 5,835,139 issued to Yun, *et al.* ("Yun") in view of U. S. Patent No. 5,986,726 issued to Murai, *et al.* ("Murai"). Applicants respectfully traverse this rejection for at least the following reasons.

Amended independent claim 1 recites:

> "1. A liquid crystal display (LCD) monitor, comprising:
> a backlight assembly having a light source;
> an LCD panel arranged on the backlight assembly;
> a printed circuit board (PCB) attached to the LCD panel and transmitting a gate driving signal and a data driving signal to the LCD panel;

> a mold frame that accepts the backlight assembly, the LCD panel and the PCB, and formed to be gradually thinner as further advancing from a first side adjoining the light source toward a second side opposite the first side; and
>
> a chassis coupled to the mold frame to fix the backlight assembly and the LCD panel therebetween and formed to be gradually thinner as further advancing from a first side adjoining the light source toward a second side opposite the first side;
>
> an information processing module coupled to the mold frame, connected to the PCB and including a central processing unit generating control signals and an LCD panel driving circuit generating the gate driving signal and the data driving signal; and
>
> an input unit arranged on a case of the LCD monitor and connected to the information processing module."

Thus, according to claim 1, the information processing module and the input unit are integral part of the LCD monitor. Since the information processing module generates the control signals and the gate and data driving signals, the LCD monitor does not require an external system to generate the control signals and the gate and data driving signals. Also, the LCD monitor is provided with the input unit, peripheral apparatus (e.g., keyboard, mouse, etc.) can be directly connected to the LCD monitor.

In this regard, Yoon discloses a laptop computer, which comprises a main unit and an LCD monitor unit attached to the main unit. The information processing module is included in the main unit and the LCD monitor unit receives the control signal from the main unit. The information processing module is not included in the LCD monitor unit. Also, the LCD monitor unit does not have any input unit.

Thus, it is submitted that Yoon fails to disclose or suggest "an information processing module coupled to the mold frame, connected to the PCB and including a central processing unit generating control signals and an LCD panel driving circuit generating the gate driving signal

and the data driving signal; and an input unit arranged on a case of the LCD monitor and connected to the information processing module".

Murai is directed to reducing the thickness of the mold frame 2 and reinforcing the mold frame 2 with the metal sheet 1. However, Murai does not disclose or suggest "an information processing module coupled to the mold frame, connected to the PCB and including a central processing unit generating control signals and an LCD panel driving circuit generating the gate driving signal and the data driving signal; and an input unit arranged on a case of the LCD monitor and connected to the information processing module".

Since none of the cited references discloses or suggests these claimed features, it is submitted that claim 1 is patentable over them.

Similarly, amended independent claim 5 recites "an information processing module attached to the mold frame, connected to the PCB and comprising a central processing unit that generates control signals and an LCD panel driving circuit that generates the gate driving signal and the data driving signal; and an input unit arranged on a case of the monitor and connected to the information processing module".

As previously mentioned, none of the cited references discloses or suggests this claimed feature. Thus, it is submitted that claim 5 is patentable over them.

Also, amended independent claim 18 recites "an information processing module attached to the mold frame, connected to the PCB and comprising a central processing unit that generates control signals and an LCD panel driving circuit that generates the gate driving signal and the data driving signal; and an input unit arranged on a case of the display device and connected to the information processing module".

As mentioned above, none of the cited references discloses or suggests this claimed feature. Thus, it is submitted that claim 18 is patentable over them. Claim 19 is dependent from claim 18 and would be also patentable at least for the same reason.

Accordingly, Applicants respectfully request withdrawal of the rejection of claims 1, 5, 18 and 19 stand rejected under 35 U.S.C. § 103(a).

Claims 9-13 and 20-22 stand rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Yun in view of Murai and further in view of U. S. Patent No. 5,475,381 issued to Williamson ("Williamson). Applicants respectfully traverse this rejection for at least the following reasons.

With respect to claims 9-13, these claims are dependent from independent claim 5. As previously mentioned, claim 5 is believed to be patentable over Yun and Murai for the reasons mentioned above. Williamson is directed to a high speed infrared communication system comprising a liquid crystal display 12 in Fig. 1 and a micro-controller 56 in Fig. 2.

However, Williamson does not cure the deficiency from Yun and Murai. For example, Williamson does not disclose or suggest "an information processing module attached to the mold frame, connected to the PCB and comprising a central processing unit that generates control signals and an LCD panel driving circuit that generates the gate driving signal and the data driving signal; and an input unit arranged on a case of the monitor and connected to the information processing module".

Thus, it is submitted that claim 5 is patentable over the cited references. Claim 9-13 that are dependent from claim 5 are patentable over the cited references.

With respect to claims 20-22, these claims are dependent from independent claim 18. As previously mentioned, claim 18 is believed to be patentable over Yun and Murai. As previously mentioned, Williamson fails to cure the deficiency from Yun and Murai. For example, Williamson does not disclose or suggest "an information processing module attached to the mold frame, connected to the PCB and comprising a central processing unit that generates control signals and an LCD panel driving circuit that generates the gate driving signal and the data driving signal; and an input unit arranged on a case of the display device and connected to the information processing module".

Thus, the subject matter of claim 18 would not have been obvious over the asserted combination of Yun, Murai and Williamson. Accordingly, it is submitted that claim 20-22 that are dependent from claim 18 are patentable over the cited references.

Thus, withdrawal of the rejection of 9-13 and 20-22 stand rejected under 35 U.S.C. § 103(a) is respectfully requested.

Other Matters

In addition to the amendments mentioned above, claims 1, 5, 9-13 and 18-22 have been amended for better wording and clarification purposes and to delete certain limitations that appear to be unnecessary for the patentability issues.

Also, claim 23 has been newly added, which is dependent from claim 1.

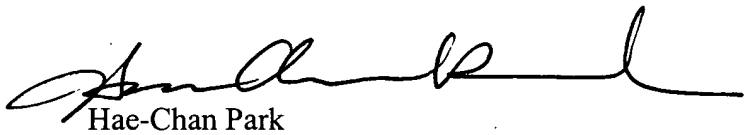
CONCLUSION

Applicant believe that a full and complete response has been made to the pending Office Action and respectfully submit that all of the stated grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are allowable and that the application is in condition for allowance.

Should the Examiner feel that there are any issues outstanding after consideration of this response, the Examiner is invited to contact the Applicants' undersigned representative at the number below to expedite prosecution.

Prompt and favorable consideration of this Reply is respectfully requested.

Respectfully submitted,



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